

ABSTRACT

A method for isolating access by application programs to native resources provided by an operating system redirects a request for a native resource made by an application program executing on behalf of a user to an isolation environment. The isolation environment includes a user isolation scope and an application isolation scope. An instance of the requested native resource is located in the user isolation scope corresponding to the user. The request for the native resource is fulfilled using the version of the resource located in the user isolation scope. If an instance of the requested native resource is not located in the user isolation scope, the request is redirected to an application isolation scope. The request for the native resource is fulfilled using the version of the resource located in the application isolation scope. If an instance of the requested native resource is not located in the application isolation scope, the request is redirected to a system scope.